*Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 82 (1994) 301
Elsevier Science B.V.



# Author Index

Austad, T. 85

Balinov, B. 173
Berjano, M. 59
Boyer, S.J. 217

Clarkson, R.B. 217
Clément, R. 205

Dalland, M. 129
de Bruijn, A.W. 99
de Laat, A.W.M. 99
Dönges, R. 279

Ehrler, R. 279
Espinat, D. 193
Esumi, K. 111

Fjelde, I. 85
Francis, A.H. 205

Gaines, Jr., G.L. 299
Gallegos, C. 59
Goworek, J. 71
Guerrero, A. 59
Gupta, A. 37

Hanssen, J.E. 129
Hoffmann, H. 279
Honda, F. 117
Honda, H. 117
Huldén, M. 263

Ichikawa, S.-I. 29
Itakura, T. 111

Jain, P.C. 49
John, V.T. 151

Karayigitoglu, C.F. 151
Kästner, U. 279
Kimura, M. 117
Koishi, M. 117
Korchowiec, B. 91
Kristiansen, T.S. 129
Kwak, J.C.T. 163

Lambard, J. 193
Le Grand, D.G. 299
Lifshitz, E. 205
Lunkenheimer, K. 183

Mackay, R.A. 1
Madiedo, J.M. 59
Maitra, A.N. 49
Małysa, K. 183
Matijević, E. 237
Matsuno, T. 117
McKinnon, A.J. 225
McPherson, G.L. 151
Meeten, G.H. 77
Morvan, M. 193
Muñoz, J. 59
Muramatsu, A. 29

Paluch, M. 91

Quibén, J. 237

Roy Choudhury, S. 49
Ruckenstein, E. 255

Scollary, G.R. 225
Shimizu, T. 163
Sibley, S.P. 205
Singhal, K.C. 37
Sjöblom, J. 173
Söderman, O. 173
Solomon, D.H. 225
Stefaniak, W. 71
Sugimoto, T. 29

Tata, M. 151
Torigoe, K. 111
Tsekov, R. 255

Urdahl, O. 173

van den Heuvel, G.L.T. 99
Varshney, K.G. 37
Vespalec, R. 141
Vinogradova, O.I. 247

Wantke, K. 183
Williams, P.J. 225

Yadav, R. 49

Zemb, Th. 193

*Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 82 (1994) 302–303
Elsevier Science B.V.

# Subject Index

Active carbon, 217
Adsorption, 91, 99
Alcohol, 111
Antimony(V) arsenosilicate, 37
Association colloids, 1
Associative thickener, 263
Attachment criteria, 247

Barium titanate, 99
Bentonite suspension, 77
Binary powder mixing, 117
Binding, 163
Bubbles, 247

Cadmium phosphate, 237
Cadmium sulfide, 151
Calcium tartrate, 225
Carboxylate, 99
Cation exchanger, 37
Cationic surfactants, 91
Clathrate hydrates, 151
Clay, 193
Colloidal mixed phosphates, 237
Colloids, 193
Composite particles, 237
Compressive yield stress, 77
Crude oil, 173

Dimple formation, 255
Dodecylpyridinium chloride, 163
Drainage rate, 255
Dry impact blending method, 117

Electrochemistry, 1
Electron paramagnetic resonance, 217
Emulsion, 173
Ethoxylated surfactants, 85

Flow behaviour, 59
Foam, 129
Foam flow, 129
Foam stability, 183

Gas blockage, 129

Heavy-ion bombardment, 71
Hematite particles, 29
Hydrophobic interactions, 163
Hydrophobic particles, 247
Hydroxyethyl cellulose, 279

Inorganic ion exchanger, 37
Intercalate cations, 205
Interface, 91
Interparticle force, 117
Ion exchanger, 37

Lamella number, 129
Linewidth, 217
Liquid chromatography, 85, 141
Liquid crystal, 49, 59

Magnetic resonance, 205
Mechanism model, 141
Mechanochemical treatment, 117
Micelles, 1, 49, 59
Microemulsions, 1
Mixed films, 91
Mixed phosphates, 237
Model wine solution, 225

$NaBH_4$, 29
Nanoparticles, 151
Network, 263
Nickel particles, 29
Nickel phosphate, 237
NMR self-diffusion, 173

Oil–foam interaction, 129
Organic foil, 71
Oxygen pressure, 217

Palladium complex, 111
Palladium particles, 111
Particle velocity, 247
Perdeuterated hydrocarbons, 299
Phase transformation, 49
Polyelectrolytes, 163
Polyvinyl alcohol, 99
Polyvinylpyrrolidone, 111
Poly(maleic acid-co-ethylene), 163
Poly(maleic acid-co-styrene), 163
Pore defects, 71
Porous media, 129

Positron, 49
Positron annihilation, 49
Positronium, 49
Precipitation mechanism, 225

Quantitative analysis, 85
Quantum semiconductors, 151

Restricted diffusion, 173
Reversed micelles, 151
Rheology, 263

Shear yield stress, 77
Shear-thinning behaviour, 59
Size distribution, 173
Small-angle X-ray scattering, 193
Soluble calcium tartrate, 225
Spontaneous precipitation, 225
Spreading, 129
Streaming current, 141
Streaming potential, 141
Sucrose ester, 59
Supersaturation, 225
Surface elasticity, 183
Surface potential, 91
Surface roughness, 29
Surface tension, 91, 263, 299
Surfactants, 49, 59, 163, 263, 279
Surfactant mixtures, 85
Synthesis, 37

Thermal desorption, 71
Thin liquid films, 255
Time–temperature superposition, 59
Transition metal chalcogenophosphates, 205
Two-dimensional lattices, 205

Ultrasmall-angle X-ray scattering, 193

Viscosity, 59